Education

Level:

Federal

Information Provided by:

Cathy Garra, U.S. Environmental Protection Agency, Region 5, Office of

Public Affairs

Name of Program: Environmental Education Grants

Purpose:

Annual competitive grant program for environmental education programs in schools, colleges, State/local/tribal education agencies and non-profit organizations. Focus is on meeting local needs. All environmental topic areas can be considered, including wetlands.

Funding Source:

U.S.Environmental Protection Agency

Date of Inception:

1992

Target Audience:

Grass-roots school and local organizations; statewide organizations and agencies.

All ages.

Has program been evaluated? How?

Internally

Contact Person:

Suzanne Saric, Environmental Education Coordinator

USEPA Region 5 (P-19J) 77 W. Jackson Blvd. Chicago, Illinois 60605 Ph: (312) 353-3209

Fax: (312) 353-3343

e-mail: Saric.Suzanne@EPAMail.EPA.GOV

Comments:

Annual grant solicitation normally begins in the summer, with proposals due in the fall and grants awarded in the spring. Announcement is made through the Federal Register and EPA's mailing list. Grants up to \$25,000 are considered in Region 5, with many awards being \$5,000 or less. Grants over \$25,000 to \$250,000 are handled in Washington, D.C.:

> EPA Environmental Education Division (1707) 401 M Street, S.W. Washington, D.C. 20460 202/260-8619.

Education

Level:

Federal

Information Provided by:

Cathy Garra, U.S. Environmental Protection Agency, Region 5, Office of

Public Affairs

Name of Program: Environmental Software--Wetlands Education System (introduction) and Wetlands

Electronic Herbarium (plant identification)

Purpose:

Provide interactive electronic information on wetlands

Funding source:

U.S.Environmental Protection Agency

Date of Inception:

1991

Target Audience:

All interested

Program Evaluation:

Internal

Contact Person:

Karen Reshkin

USEPA Region 5, P-19J 77 W. Jackson Blvd. Chicago, Illinois 60604 Ph: (312) 353-6353 Fax: (312) 353-3343

e-mail: Reshkin.Karen@EPAMail.EPA.Gov

Comments:

Part of a series of over 40 environmental titles produced by Purdue University. Software is free from EPA, but requester must submit blank 3 1/2 " computer discs, which will be returned with the information on them. IBM compatible only. Color monitor is preferable.

Two wetlands titles:

- Wetlands Education System--introduction to wetlands: 2 discs. Possible to run on a black and white monitor.
- Electronic Wetland Herbarium, Midwest edition--plant study: 10 discs for VGA; 2) 20 discs for Super VGA (better resolution of photographs). Must have color monitor and Windows to run the software.

Education

Level:

Federal

Information Provided by:

Cathy Garra, U.S. Environmental Protection Agency, Region 5, Water

Name of program:

Enviroscape--a model of a watershed

Funding source:

U.S.Environmental Protection Agency

Date of Inception:

1992

Target audience:

School age through adult audiences, urban and rural

Has program been evaluated? How?

Yes; improved model now available

Contact person:

Belinda Montgomery

USEPA Region 5, WW-16J

77 W. Jackson Blvd. Chicago, Illinois 60604 Ph: (312) 353-7314

Fax: (312) 886-7804

e-mail: Montgomery.Belinda@EPAMAIL.EPA.GOV

Comments:

Interactive model watershed is used to demonstrate urban and rural causes and solutions for water pollution, including the role of wetlands in protecting clean water. Special wetland unit available. Comes with instructor's manual; adaptable for explaining to any age or interest group. Model is available on loan from EPA; can also be purchased.

Education

Level:

Federal

Information Provided by:

Cathy Garra, U.S. Environmental Protection Agency, Region 5, National

Program (Contractor Supported)

Name of Program:

Wetlands Information Hotline 800/832-7828

Purpose:

Provide information and referrals to technical staff on wetlands topics; distribute literature (from USEPA, other Federal Agencies, States), copies of regulations, memoranda of agreement, etc. Key USEPA publications include: Wetlands Fact Sheets on 33 topics, America's Wetlands--Our Vital Link Between Land and Water, Welcome to the Wetlands

(for children). The service is free.

Funding Source:

U.S.Environmental Protection Agency Headquarters

Date of Inception:

1991

Target Audience:

Interested public and professionals

Has program been evaluated? How?

Internal EPA monthly and annual reports

Contact Person: Wetlands Information Hotline

(800) 832-7828

Wetlands-Hotline@EPAMAIL.EPA.GOV

Comments:

Hotline staff are highly trained at referring questions to EPA and State program staff, as well as distributing more than 100 documents and publications. The service is free, operating during normal business hours.

Education

Level:

State

Information Provided by:

Bonnita Browning, Indiana Department of Natural Resources, Division of

Forestry

Name of Program: Project Learning Tree

Purpose:

PLT uses the forest as a "window on the world" to increase students' understanding of our complex environment; to stimulate critical and creative thinking; to develop the ability to make informed decisions on environmental issues; and to instill the confidence and commitment to take responsible action on behalf of the environment.

Funding Source:

- (1) Indiana Department of Natural Resources, Division of Forestry
- (2) Indiana Forestry Education Foundation/Indiana Forestry & Woodland

Owners Association

Date of Inception:

June 1985

Target Audience:

Pre K - HS

Has program been evaluated? How?

Yes. Writing workshops were conducted involving hundreds of educators, coordinators, and EE leaders to revise the PLT materials. After many reviews the new PLT was then pilot tested by educators across the country to make sure "PLT" worked in the real world. On the basis of this information PLT was revised and sent out once again to be field tested which involved the formal evaluation of the activities.

Contact Person: Bonnita Browning, Project Learning Tree Coordinator

6013 Lakeside Blvd. Indianapolis, IN 46278 Ph: (317) 290-3223 Fax: (317) 290-3225

Comments:

PLT is one of the most widely used Environmental Education Programs. It's available in all 50 states and many other countries. It is active, hands-on, and interdisciplinary, with nearly 100 activities in the newly revised Pre-k thru 8 activity guide. PLT is also in the process of developing new "Secondary Level Education Modules." Educators can obtain the guides and become part of the PLT network by attending any one of the state-wide 6hour workshops. In addition to the basic program, we are offering advanced workshops on specific Indiana topics. We are also developing a "Virtual Reality Forest" CD ROM and traveling "Tree Trunks." To assist young educators and students in identifying community environmental needs and design "action projects," PLT and the JAYCEES also offer the GREENWORKS! program. Since the beginning of the program, more than 15,000 educators have been through PLT in Indiana.

Education

Level:

State

Information Provided by:

Warren Gartner, Indiana Department of Natural Resources, Fish and

Wildlife Division

Name of Program: Project WILD

Purpose:

To assist learners of any age in developing awareness, knowledge, skills and a commitment to result in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment upon which all life depends.

Funding Source:

Fish and Wildlife Fund and Nongame Tax Checkoff

Date of inception:

December 1985

Target Audience:

K-12 Teachers, informal educators, anyone who works with children

Has program been evaluated? How?

Materials were evaluated in classrooms for two years by independent researcher to see if activities met objectives. Follow up evaluations of teacher use, attitude changes, etc., have been done by several states and the national organization.

Contact person:

Warren Gartner 6013 Lakeside Blvd. Indianapolis, IN 46278 Ph: (317) 290-3223 Fax: (317) 290-3225

Comments:

Project WILD is an international environmental education program focusing on wildlife and habitats. The lessons are fun, active, and interdisciplinary. Educators can receive the activity guides and become involved in the program by attending one of the 6-hour workshops.

Project WILD is the most widely used environmental education program. It is available in all 50 states and many other countries. In Indiana nearly 17,000 educators have participated in the program.

From this basic Project WILD program, we have also developed advanced workshops on wildlife topics, an action grant program for habitat improvement projects, wildlife traveling trunks, supplemental materials, etc.

Education

Level:

Private/Local

Information Provided by: Karol Keppy, Conservation Technology Information Center

Name of Program: Know Your Watershed

Purpose:

To encourage the formation of local, voluntary watershed partnerships working to develop and implement a watershed management plan that addresses all natural resources in an economic and environmentally viable manner.

Funding Source:

Varied--public and private; i.e., government, corporate, associations,

etc.

Date of inception: 1994

Target Audience: Adults

Has program been evaluated? How? Program is evaluated by the number of watershed

partnerships in the United States, and their success.

Contact person:

Ginger, Lyn or Karol

1220 Potter Drive., Rm. 170 W. Lafayette, IN 47906 Ph: (317) 494-9555 Fax: (317) 494-5969

e-mail: kyw@ctic.purdue.edu

Comments:

Starter Kit, National Watershed Network, National Watershed Exchange, guides,

and more.

Additional Attachments:

News release: new guide, "Reflecting on Lakes"

Education

Level:

Private/Local

Information Provided by:

Information for this program was not obtained.

Name of Program: National Wetlands Conservation Alliance

Contact:

National Association of Conservation Districts

509 Capitol Ct., NE Washington, DC 20002 Ph: (202) 547-6223

Education

Level:

Private/Local

Information Provided by: Information for this program was not obtained.

Name of Program: Partners for Wetlands Protection Kit

Contact:

Izaak Walton League of America

707 Conservation Ln. Gaithersburg, MD 20878

Ph: (301) 548-0150

Education

Level:

Private/Local

Information Provided by:

Susan Thomas, Sierra Club, Hoosier Chapter

Name of Program:

The Wetlands Project

Purpose:

To promote and restore the integrity of wetlands in Indiana through public

education, local outreach, assistance to local and State government agencies, and

watershed planning.

Funding Source:

Environmental grants (The Moriah Fund, EPA, Sierra Club Hoosier

Chapter)

Date of inception:

April 1992

Target Audience:

(Broad) general public, farmers, developers, local and State planning officials,

teachers, and environmental educators

Has program been evaluated? How?

Yes. The Wetlands Project was reviewed as part of an application procedure for the initial EPA grant funding the educational component of the project. The project was also evaluated by the Moriah Fund (based in Maryland) prior to the approval of the current 2-year grant. The Sierra Club Foundation reviewed the project as part of a process to accept funds on behalf of the

project.

Contact person:

Susan Thomas

Sierra Club Hoosier Chapter 212 West 10th St., Suite A-335

Indianapolis, IN 46202 Ph: (317) 231-1908

Fax: same

e-mail: sierra@inetdirect.net

Web site address: www.inetdirect.net/sierra/wetlands.html

Comments:

Education

Level:

Private/Local

Information Provided by:

Mark R. Schilling, Environmental Concern Inc., Education

Department

Name of Program: WOW! The Wonders Of Wetlands

Purpose:

Curriculum guide for teachers, leaders. Current edition is a co-publication of

Environmental Concern and The Watercourse, Inc. WOW! The Wonders Of

Wetlands is now the Wetland Module of National Project WET.

Funding Source:

Maryland State trust; National Fish and Wildlife Foundation;

Asea Brown & Boveri, Inc.

Date of inception:

September 1991; curriculum revised in 1995 by Environmental Concern and

The Watercourse.

Target Audience:

K-12 educators; group leaders

Has program been evaluated? How?

Informal evaluations from users of book from surveys;

sent out periodically by us since publication; very

positive feedback.

Contact person:

Mark R. Schilling

Environmental Concern Inc.

P.O. Box P

St. Michaels, MD 21663 Ph: (410) 745-9620 Fax: (410) 745-3517

e-mail: econcern@skipjack.bluecrab.org

Comments:

We also provide fee-based teacher and leadership training workshops to support use

of the book.

Additional Attachments:

WOW! order form

Education

Level:

Private/Local

Information Provided by: Melissa Rhoten, Clark County Soil and Water Conservation District

Name of Program: Exploring Wetlands

Purpose:

Exploring Wetlands was designed to help introduce students to plants and animals

commonly found in a wetland.

Funding Source:

Educational fund allocated through County government

Date of inception:

April 1996

Target Audience:

First - fifth graders

Has program been evaluated? How?

Teachers are given an evaluation form at the end of each

lesson. All evaluation forms were returned with "excellent" marked for presentation, materials, etc.

Contact person:

Melissa Rhoten

9608 Hwy. 62

Charlestown, IN 47111 Ph: (812) 256-6171 Fax: (812) 256-5678

Comments:

During the spring of 1995, the SWCD built a wetland as part of our fair exhibit. Many

adult and youth are reached through the displays at the fair.

Additional Attachments: Description of Exploring Wetlands

Education

Level:

Private/Local

Information Provided by:

Evelyn Kirkwood, St. Joseph County Parks, Interpretive Division

Name of Program: We Need Wetlands!: Activity Packet for Educators

Purpose:

Familiarize educators in St. Joseph County with wetlands; provide classroom activity

ideas.

Funding Source:

local businesses, service clubs and organizations

(largest contributor = South Bend Audubon Society)

Date of inception:

Spring 1995

Target Audience:

Educators for grades 4th - 12th

Has program been evaluated? How?

Submitted to The National Association for Interpretation

interpretive media competition (received written

evaluation).

Contact person:

Evelyn Kirkwood

St. Joseph County Parks

32132 SR 2

New Carlisle, IN 46552 Ph: (219) 654-3155 Fax: (219) 654-3674

Comments:

Eight page booklet with a mix of math, art, language and science activities that

involve wetlands.

Single copies free of charge to any educator in St. Joseph County. \$2.00 to any out of

county educator.

Education

Level:

Cooperative

Information Provided by:

Forest Clark, U.S. Fish & Wildlife Service, Ecological Services,

Bloomington Field Office

Name of Program:

Integrated Environmental Curriculum (IEC) Wetlands Component

Purpose:

Wetlands Education Curriculum Development and Implementation

Funding Source:

U.S. Fish and Wildlife Service, National Fish and Wildlife Foundation, EPA, Sierra

Club Wetlands Project, Waterfowl U.S.A., and Indianapolis Zoo

Date of Inception:

1992

Target Audience:

K-12 schoolchildren, Teachers, School Administrators, Parents

Has program been evaluated? How?

Internal evaluation of approximately 7 workshops, training

approximately 150 teachers; peer review of written

curriculum materials.

Contact Person:

Forest Clark

U.S. FWS, 620 South Walker, Bloomington, In 47403

Ph: (812) 334-4261 ext. 206

Fax: (812) 334-4273

e-mail: forest clark@mail.fws.gov

Comments:

This is a cooperative project among the U.S. Fish and Wildlife Service, The Sierra Club

Wetlands Project, and the Indianapolis Zoo. Final written curriculum anticipated in

summer 1996.